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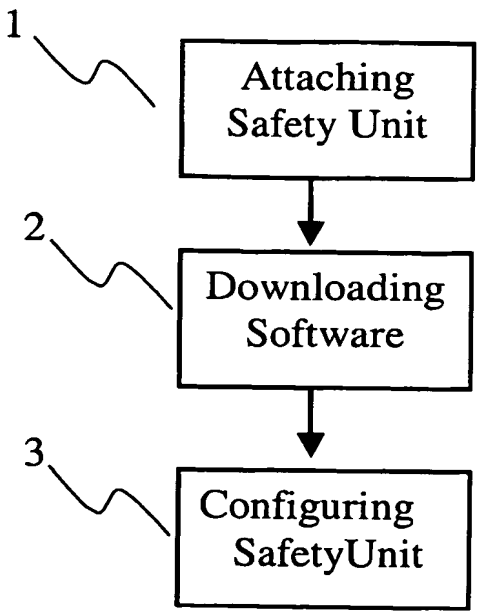
(54) Title: METHOD TO INCREASE THE SAFETY INTEGRITY LEVEL OF A CONTROL SYSTEM



(57) Abstract: A Controller is capable of executing non-safety-related control logic. A safety module is added to the Controller in order to increase the safety-integrity level of a Control System. The Controller is then able to execute safety-related control of real-world objects. Such a Control System may, for instance, exist at an offshore production platform or in a hazardous area of a chemical plant

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